AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for permitting a programmer to editing a multilanguage documents with-having code segments written in a primary language and one or more code segments written in one or more secondary languages, the method permitting the programmer to perform editing of the multilanguage document from a single primary editor designed to provide advanced editing functionality for the primary language, while also enabling the programmer to utilize advanced editing functionality of-and one or more secondary editors to edit the one or more secondary languages, and in such a way that the programmer is not required to open or interface with primary editor leverages functionality from the secondary editors, the method comprising:

presenting to a programmer a multilanguage document in a primary application view of a primary editor designed to provide advanced editing functionality for the primary language of the multilanguage document;

identifying code segments of the multilanguage document that are written in the primary language and identifying at least one other code segment accessing a multilanguage file having a plurality of segments that are written in a secondary different programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively; and

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

without requiring the programmer to leave the primary application view to open or interface with the secondary editors, enabling the programmer a user to edit the different code segments of the multilanguage document file from within the primary application view by

editing code segments written in the primary language with the primary editor, and

by sending the at least one other code segment written in secondary programming language to one of the secondary editors so that thereafter, edits made in the primary application view will be performed by the secondary editor even though the programmer is working on the multilanguage document only in the primary application view, ~~and in such a way that during editing of any particular segment a secondary editor corresponding to the particular segment is utilized by the primary editor to modify the multilanguage file~~.

2.   (Original) A method as recited in claim 1, wherein an edit made in the primary application view is replicated by a secondary editor to a secondary document that is created by the secondary editor in response to receiving a code segment from the primary editor that includes the code segment being edited.

3.   (Original) A method as recited in claim 2, wherein the secondary editor is specifically configured for editing code written in a language of the received code segment.

4.   (Currently Amended) A method as recited in claim 2, wherein the secondary document is transparent to the user.

5.   (Currently Amended) A method as recited in claim 4, wherein the secondary document is created in a text-only format.

6.   (Currently Amended) A method as recited in claim 2, wherein the primary editor modifies the multilanguage ~~file~~ document in response to a change made to the secondary document.

7.   (Currently Amended) A method as recited in claim 1, wherein the multilanguage ~~file~~ document is modified in response to advanced editing features of the secondary editor that are not inherently enabled by the primary editor.

8.   (Currently Amended) A method as recited in claim 7, wherein the advanced editing features include at least one of syntax coloring, ~~intellisense~~statement completion, ~~auto-completion,~~ \document formatting, error reporting, and context help.

9.   (Currently Amended) A method for permitting a programmer to editing a multilanguage documents with having code segments written in a primary language and one or more code segments written in one or more secondary languages, the method permitting the programmer to perform editing of the multilanguage document from a single primary editor designed to provide advanced editing functionality for the primary language, while also enabling the programmer to utilize advanced editing functionality of and one or more secondary editors to edit the one or more secondary languages, and in such a way that the programmer is not required to open or interface withprimary editor leverages functionality from the secondary editors, the method comprising:

   presenting to a programmer a multilanguage document in a primary application view of a primary editor designed to provide advanced editing functionality for the primary language of the multilanguage document;

   identifying code segments of the multilanguage document that are written in the primary language and identifying at least one other code segment accessing a multilanguage file having a plurality of segments that are written in secondarydifferent programming languages, at least one of the segments corresponding to a secondary editor that is configured to edit code written in a particular programming language;

   presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments;

   identifying the at least one of the segments corresponding to the secondary editor;

   identifying whether the at least one other code segment written in a secondary programming language is a complete code segment, and if not, supplementing the at least one other code of the segments with additional data, when necessary, to create complete source code for the at least one otherof the code segments, which so that it can be recognized and edited by the secondary editor for the language of the at least one other code segment;

   without requiring the programmer to open or interface with the secondary editors, providing the at least one other code of the segments to the secondary editor of the language for the at least one other code segment, and the secondary editor thereafter

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creating ~~and in such a way as to cause the secondary editor to create~~ a secondary document for editing the at least one other code ~~of the~~ segments, the secondary document being invisible to the user in the sense that it is created by the secondary editor without interaction by the programmer outside of the primary editor;

the primary editor thereafter creating links between the primary application view of the ~~visible~~ multilanguage ~~file~~document presented in the primary editor, and portions of the secondary document;

the primary editor replicating edits made by the programmer to the multilanguage ~~file~~document in the primary application view to the secondary document; and

the primary editor modifying the primary application view of the multilanguage ~~file~~document to accommodate for editing functionality provided by the secondary editor as to the at least one other code segment in the secondary language.

10.   (Original) A method as recited in claim 9, wherein modifying the primary application view includes displaying a menu created by the secondary editor.

11.   (Original) A method as recited in claim 9, wherein modifying the primary application view includes editing the multilanguage file and replicating one or more edits made by the secondary editor to the secondary document.

12.   (Currently Amended) A method as recited in claim 11, wherein the one or more edits made in the secondary document include edits made in response to functionality provided by the secondary editor that ~~is~~are not inherently available to the primary editor.

13.   (Currently Amended) A method as recited in claim 11, wherein the functionality provided by the secondary editor includes at least one of syntax coloring, ~~intellisense~~statement completion, ~~auto-completion,~~document formatting, error reporting, and context help.

14.   (Original) A method as recited in claim 13, further including, prior to replicating the one or more edits made in the secondary document, an act of determining that the one or more edits made in the secondary document are not merely a result of replication of the edits made by the primary editor to the multilanguage file in the primary view.

15.   (Currently Amended) A method as recited in claim 9, further including, prior to replicating edits made to the multilanguage file in the primary application view to the secondary file, an act of determining that the one or more edits made in the primary application view are not merely a result of replication of the edits made by the secondary editor to the secondary document.

16. – 24 (Cancelled)

25.   (Currently Amended) A method for permitting a programmer to edit a multilanguage document having code segments written in a primary language and one or more code segments written in one or more secondary languages, the method permitting the programmer to perform editing of the multilanguage document from a single primary editor designed to provide advanced editing functionality for the primary language, while also enabling the programmer to utilize advanced editing functionality of one or more secondary editors to edit the one or more secondary languages, and in such a way that the programmer is not required to open or interface with the secondary editors, the method comprising:A computer program product comprising one or more computer-readable media having computer-executable instructions for enabling a primary source code editor to perform a method of leveraging functionality from one or more secondary editors comprising:

presenting to a programmer a multilanguage document in a primary application view of a primary editor designed to provide advanced editing functionality for the primary language of the multilanguage document;

identifying code segments of the multilanguage document that are written in the primary language and identifying at least one other code segment accessing a multilanguage file having a plurality of segments that are written in a secondarydifferent programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively; and

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

without requiring the programmer to leave the primary application view to open or interface with the secondary editors, enabling the programmera user to edit the different code segments of the multilanguage filedocument from within the primary application view by

editing code segments written in the primary language with the primary editor, and

by sending the at least one other code segment written in secondary
programming language to one of the secondary editors so that thereafter, edits
made in the primary application view will be performed by the secondary editor
even though the programmer is working on the multilanguage document only in
the primary view application, and in such a way that during editing of any
particular segment a secondary editor corresponding to the particular segment is
utilized by the primary editor to modify the multilanguage file.

26.   (Original) A computer program product as recited in claim 25, wherein an edit
made in the primary application view is replicated by a secondary editor to a secondary
document that is created by the secondary editor in response to receiving a code segment from
the primary editor that includes the code segment being edited.

27.   (Original) A computer program product as recited in claim 26, wherein the
secondary editor is specifically configured for editing code written in a language of the received
code segment.

28.   (Currently Amended) A computer program product as recited in claim 26,
wherein the secondary document is transparent to the user.

29.   (Currently Amended) A computer program product as recited in claim 26,
wherein the primary editor modifies the multilanguage file document in response to a change
made to the secondary document.

30.   (Currently Amended) A computer program product as recited in claim 25,
wherein the multilanguage file document is modified in response to advanced editing features of
the secondary editor that are not inherently enabled by the primary editor.

     31.   (Currently Amended) A computer program product as recited in claim 30, wherein the advanced editing features include at least one of syntax coloring, ~~intellisense~~statement completion, ~~auto-completion,~~ document formatting, error reporting, and context help.

32.   (Currently Amended) A method for permitting a programmer to edit a multilanguage document having code segments written in a primary language and one or more code segments written in one or more secondary languages, the method permitting the programmer to perform editing of the multilanguage document from a single primary editor designed to provide advanced editing functionality for the primary language, while also enabling the programmer to utilize advanced editing functionality of one or more secondary editors to edit the one or more secondary languages, and in such a way that the programmer is not required to open or interface with the secondary editors, the method comprising: A computer program product comprising one or more computer readable media having computer executable instructions for enabling a primary source code editor to perform a method of leveraging functionality from one or more secondary editors, the method comprising:

presenting to a programmer a multilanguage document in a primary application view of a primary editor designed to provide advanced editing functionality for the primary language of the multilanguage document;

identifying code segments of the multilanguage document that are written in the primary language and identifying at least one other code segment accessing a multilanguage file having a plurality of segments that are written in secondarydifferent programming languages, at least one of the segments corresponding to a secondary editor that is configured to edit code written in a particular programming language;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments;

identifying the at least one of the segments corresponding to the secondary editor;

identifying whether the at least one other code segment written in a secondary programming language is a complete code segment, and if not, supplementing the at least one other code of the segments with additional data, when necessary, to create complete source code for the at least one other of the code segments, which so that it can be recognized and edited by the secondary editor for the language of the at least one other code segment;

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without requiring the programmer to open or interface with the secondary editors, providing the at least one other code ~~of the~~ segments to the secondary editor of the language for the at least one other code segment, and the secondary editor thereafter creating ~~and in such a way as to cause the secondary editor to create~~ a secondary document for editing the at least one other code ~~of the~~ segments, the secondary document being invisible to the user in the sense that it is created by the secondary editor without interaction by the programmer outside of the primary editor;

the primary editor thereafter creating links between the primary application view of the ~~visible~~ multilanguage ~~file~~document presented in the primary editor, and portions of the secondary document;

the primary editor replicating edits made by the programmer to the multilanguage ~~file~~document in the primary application view to the secondary document; and

the primary editor modifying the primary application view of the multilanguage ~~file~~document to accommodate for editing functionality provided by the secondary editor as to the at least one other code segment in the secondary language.

33.   (Original) A computer program product as recited in claim 32, wherein modifying the primary application view includes displaying a menu created by the secondary editor.

34.   (Original) A computer program product as recited in claim 32, wherein modifying the primary application view includes editing the multilanguage file to replicate one or more edits made by the secondary editor to the secondary document.

35.   (Currently Amended) A computer program product as recited in claim 34, wherein the one or more edits made in the secondary document include edits made in response to functionality provided by the secondary editor that ~~is~~are not inherently available to the primary editor.

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36.   (Currently Amended) A computer program product as recited in claim 34, wherein the functionality provided by the secondary editor includes at least one of syntax coloring, ~~intellisense~~statement completion, ~~auto-completion,~~ document formatting, error reporting, and context help.

37.   (Original) A computer program product as recited in claim 32, further including, prior to replicating the one or more edits made in the secondary document, an act of determining that the one or more edits made in the secondary document were not made merely to replicate the edits made by the primary editor, so as to avoid an infinite loop of edits being made.